

1. Transcript-Only Analysis

Grades, course domains, brain systems, and intelligence-model comparison

Prepared as a separated compartment analysis. No integrated synthesis is included in this file.

Scope

This section uses transcript/course evidence only. It does not use resumes, early-life experience, healing modality evidence, or language-study documents except where language courses appear as transcript grades.

A. Grade Evidence and Brain Systems

Year	Course	Title	Grade	Units	Brain / Cognitive Systems Engaged
1986	ECON 2	Principles of Macroeconomics	A	4.0	Prefrontal cortex; parietal numerical processing; systems reasoning; working memory
1986	HEB 1	Elementary Hebrew	A+	4.0	Temporal language networks; auditory patterning; phonological memory; hippocampal encoding
1987	ECON 1	Principles of Microeconomics	A	5.0	Prefrontal reasoning; symbolic logic; parietal numerical systems; decision modeling
1987	HEB 2	Elementary Hebrew	A+	4.0	Language acquisition systems; auditory sequencing; memory consolidation
1987	HEB 3	Elementary Hebrew	A+	4.0	Temporal language networks; semantic memory; retrieval fluency
1987	ECON 3C	Managerial Accounting	A	4.0	Working memory; rule-based cognition; numerical-symbolic manipulation
1987	ENGL 42	Practice in Writing	A	4.0	Language production; executive organization; semantic networks
1987	HEB 115A	Readings in Hebrew	A	4.0	Advanced language comprehension; semantic mapping; long-term retrieval
1988	ECON 3B	Financial Accounting	A+	4.0	Executive control; symbolic manipulation; error detection; numerical working memory
1988	HEB 115B	Readings in Hebrew	A+	4.0	Language fluency networks; memory retrieval; grammar-pattern recognition
1988	MATH 15	Precalculus	A	4.0	Parietal mathematical reasoning; visual-symbolic mapping; working memory
1988	ENGL 10	Introduction to Poetry	A	4.0	Language networks; default mode network; metaphor and interpretation
1988	HEB 115C	Readings in Hebrew	A	4.0	Semantic processing; syntactic parsing; language comprehension

1988	MATH 3A	Calculus	A+	4.0	Mathematical abstraction; parietal-spatial reasoning; executive function
1988	ECON 136A	Intermediate Accounting	A	4.0	Abstract symbolic reasoning; planning; rule systems; error monitoring
1988	ECON 5	Statistics for Economics	A	5.0	Probabilistic reasoning; parietal numerical networks; analytical inference
1989	ECON 100A	Microeconomic Theory	A	4.0	Logical reasoning; abstraction; model-building; systems prediction
1989	DA 12	Fundamentals of Mime	A+	3.0	Motor cortex; cerebellum; mirror-neuron systems; embodied cognition
1989	ECON 134A	Financial Management	A	4.0	Decision-making; executive networks; quantitative risk analysis
1989	ECON 111	Economic History	A+	4.0	Narrative integration; memory networks; systems history; causal analysis
1990	ARTHI 160H	Contemporary Photography	A	4.0	Visual cortex; perceptual processing; aesthetic and cultural analysis
1990	ECON 101	Macroeconomics	A	4.0	Executive reasoning; symbolic systems; systems-level economic modeling
1990	ECON 180	International Trade	A	4.0	Systems thinking; decision modeling; global relational reasoning
1991	DANCE 43	Rhythm, Form & Analysis	A+	3.0	Cerebellum timing; auditory-motor integration; pattern sequencing
1991	DANCE 50	Choreography	A	2.0	Creative cognition; motor sequencing; spatial composition
1991	DA 23D	Dance Lighting Design	A+	4.0	Visual-spatial processing; executive planning; theater systems integration
1991	ECON 175	Regional Economics	A	4.0	Analytical reasoning; systems thinking; spatial-economic modeling
1992	DANCE 151B	Choreography	A	3.0	Motor planning; creative synthesis; embodied abstraction
1992	ZOOL 25	Human Anatomy	A+	4.0	Spatial body mapping; memory integration; visual anatomical reasoning
1993	DANCE 145B repeat	Dance History	A	4.0	Semantic memory; historical reasoning; cultural pattern analysis
1993	DANCE 154	Music for Dance	A	3.0	Auditory processing; timing networks; rhythm-movement integration
1993	DANCE 156F	Contemporary Modern Dance	A	4.0	Motor coordination; procedural memory; embodied expression
1998	DANCE 156S	Advanced Modern Dance	A	2.0	Motor refinement; cerebellar coordination; embodied precision

1987	ECON 3A	Accounting Principles	B	4.0	Working memory; symbolic reasoning; procedural rule application
1989	ECON 136B	Intermediate Accounting	B	4.0	Cognitive load in symbolic systems; sustained numerical sequencing
1989	ECON 184	Organizational Behavior	B+	4.0	Social cognition; systems of human behavior; executive processing
1990	LAWSO 100	American Law	B+	4.0	Verbal reasoning; rule-based cognition; legal pattern mapping
1990	DANCE 46D	Intermediate Modern Dance	B+	4.0	Motor sequencing; coordination; proprioceptive learning
1990	DANCE 47D	Intermediate Ballet	B	2.0	Balance; motor refinement; vestibular and cerebellar control
1991	DANCE 47E	Ballet	B	2.0	Motor control; timing; kinesthetic precision
1991	DANCE 47F	Ballet	B	2.0	Motor precision; sequencing; body-schema adaptation
1991	DANCE 147A	Advanced Ballet	B	4.0	Advanced motor coordination; procedural learning; balance systems
1992	DANCE 147C	Advanced Ballet	B+	4.0	Motor learning; error correction; kinesthetic feedback
1986-1994	Multiple DANCE	Technique Courses	P	Varied	Cerebellum; basal ganglia; motor cortex; timing; procedural learning
1992	DANCE 145B	Dance History	F	4.0	Interrupted semantic processing; project completion/executive load context
1992	DANCE 18U	Elements of Performing	W	1.0	Interrupted engagement; performance/motor systems not assessed
1985	ENGR 005	Design Graphics	A	4.0	Visuospatial processing; parietal reasoning; fine motor planning
1988	PE 152A	Beginning Modern Dance	A	1.0	Cerebellum; vestibular system; procedural motor learning
1991	PE 152A	Beginning Modern Dance	A	1.0	Procedural motor learning; kinesthetic sequencing
1993	PE 152A	Beginning Modern Dance	A	1.0	Motor sequencing; embodied rhythm
1994	ART 122	Figure Drawing	A	3.0	Visual cortex; fine motor control; spatial body mapping
1997	ART 122	Figure Drawing	A	3.0	Spatial analysis; attention networks; perceptual training
1997	ART 131	Oil Painting	A	3.0	Color perception; creative cognition; visual planning
2000	ART 135	Figure Painting	A	—	Visual-emotional integration; body representation; fine motor systems
2019	GDP 118	Creative Thinking	A	3.0	Default mode network; abstraction; divergent thinking
2022	PHOT 109	Photography	A+	3.0	Visual framing; perceptual timing; aesthetic judgment

1989	PE 152B	Intermediate Modern Dance	B	1.0	Motor refinement; procedural memory
2005	MAT 123	Web Design II	B	3.0	Logical sequencing; working memory; visual-symbolic interface design
2019	GDP 110	Media Design	B+	3.0	Visual communication; executive planning; design hierarchy
1998	ART 170	Sculpture	C	3.0	3D spatial processing; tactile learning; motor planning
2019	GDP 111	Intro Graphic Design	C+	3.0	Visual hierarchy processing; tool-based design cognition
2019	GDP 112	Digital Literacy	C	3.0	Working memory load; tool-based cognition; procedural tech learning
1990	PE 152A	Beginning Modern Dance	W	1.0	Interrupted procedural learning
2001	ART 130	Acrylic Painting	W	3.0	Incomplete visual-motor encoding

B. What the Transcript Record Shows

- Multi-domain academic range: economics, accounting, statistics, Hebrew, poetry, anatomy, dance, design, photography, sculpture, and visual arts.
- High performance in symbolic, quantitative, linguistic, embodied, visual-spatial, and historical domains.
- A distinctive pairing of analytical economics and embodied movement/arts education.
- Strong evidence of cross-domain cognitive flexibility rather than narrow specialization.
- Dance grades must be interpreted against late entry into formal dance training while competing with students trained from early childhood.

C. Brain Systems Summary

Cluster	Primary brain/cognitive systems	Observable transcript evidence
Quantitative/systems courses	Dorsolateral prefrontal cortex; parietal numerical networks; working memory; error monitoring	A/A+ economics, accounting, statistics, calculus, finance
Language courses	Temporal language networks; phonological loop; hippocampal encoding; semantic memory	A/A+ Hebrew sequence and readings
Dance/movement	Motor cortex; cerebellum; basal ganglia; vestibular/proprioceptive systems	Mime A+, dance technique, rhythm/form, choreography
Visual/spatial arts	Occipital visual cortex; parietal spatial networks; fine motor planning	Design graphics A, lighting design A+, photography A+, figure drawing A
Humanities/interpretation	Default mode network; narrative memory; semantic integration	Poetry A, art history A, economic history A+

D. Intelligence Models Applied to Transcript Data Only

Model	Transcript-only indication
Gardner	Logical-mathematical, linguistic, spatial, bodily-kinesthetic, musical/rhythmic, and intrapersonal/existential indicators are visible through grades.
Sternberg	Analytical intelligence is strong in economics/accounting/statistics; creative intelligence appears in choreography/arts; practical intelligence is less visible from transcripts alone.
CHC	Strong indicators for Gf fluid reasoning, Gc crystallized knowledge, Gv visual-spatial processing, Ga auditory/language patterning, Glr long-term retrieval.
Dabrowski	Transcript data alone suggests intellectual and psychomotor intensity, but emotional/imaginational OE requires other sections.
Silverman VSL	Strong visual-spatial indicators: design graphics, lighting design, photography, anatomy, choreography, sculpture.
2e frame	Scatter appears: very high achievement across domains with some unevenness and withdrawals; context is needed before interpretation.

E. Relevant Test/Self-Report Alignment

The Adult 2e Checklist profile describes uneven academic skills, strong conceptual performance, time-dependent output, and thriving on complexity. Those observations are consistent with the transcript pattern of very high achievement across difficult courses alongside scattered lower grades or withdrawals in some contexts.

Source Notes

Sources used: transcript grade chart previously generated from uploaded transcript materials; Giftedness Profile documents; Adult 2e Checklist materials.